

Interview Summary	Application No. 09/050,796	Applicant(s) SUTTON, MICHAEL	
	Examiner Richard Lee	Art Unit 2613	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Richard Lee. (3) _____
 (2) Scott Cummings. (4) _____

Date of Interview: 10 February 2005.

Type: a) ☐ Telephonic b) ☐ Video Conference
 c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____

Claim(s) discussed: all pending claims not withdrawn.

Identification of prior art discussed: Takahashi et al; Yamada et al.


Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Newly proposed claims (see attachment) were discussed and Mr. Cummings quoted MPEP 2143.01 that Takahashi et al can not be modified to arrive at the newly amended claim 1 (i.e., first and second on/off features). Mr. Cummings was informed that the proposed amendment will however not be entered since further search/consideration is required, and thus an RCE will have to be filed in order to gain consideration.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Best Available Copy


 RICHARD LEE
 EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

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PROPOSED CLAIM AMENDMENTS FOR DISCUSSION ONLY
NOT FOR ENTRY INTO THE RECORD

CLAIMS:

1. (Currently Amended) A security system, comprising:
 - a) a handheld light source for selectively emitting a beam of light, said light source comprising including:
 - 1) an imager, having an optical axis generally along said beam of light, for converting a first image received along said optical axis into an electronic image;
 - 2) a transmitter, coupled to said imager, for broadcasting said electronic image as a broadcast image; [[and]]
 - 3) a power cell, coupled to said imager and to said transmitter, for providing operating power such that said light source is portable; and
 - 4). a first on/off switch operable to control said light source independently of said imager, and a second on/off switch operable to control said imager independently of said light source; and
 - b). a remote unit, including:
 - 1) a receiver for receiving said broadcast image and converting it back to said electronic image; and
 - 2) at least one of the following:
 - i) a monitor, coupled to said receiver, for displaying said electronic image;
 - and

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ii) a recorder, coupled to said receiver, for recording said electronic image in a format suitable for recovery of said first image at a later time, wherein said handheld light source is constructed and arranged to concurrently generate said beam of light, convert said first image into an electronic image, and broadcast said electronic image as a broadcast image.

2. (Previously Presented) The security system of claim 1 wherein said remote unit consists essentially of said recorder.

3. (Previously Presented) The security system of claim 1 wherein said remote unit is installed in a vehicle.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The security system of claim 1 wherein said handheld light source further includes a microphone, coupled to said transmitter, for converting sounds from a region near said light source into audio signals, and

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wherein said transmitter broadcasts said audio signals as audio data, wherein said receiver converts said audio data into audio signals, and wherein said monitor audibilizes said audio signals.

8. (Original) The security system of claim 7 wherein said remote unit includes said monitor.

9. (Currently Amended) The security system of claim 8 wherein said monitor audibilizes said audio signals ~~concurrent~~ concurrently with display of said electronic image.

10. (Previously Presented) The security system of claim 7 wherein said remote unit includes a repeater, coupled to said receiver, for rebroadcasting said broadcast image and said audio data to other receivers.

11. (Canceled)

12. (Currently Amended) A method for providing security to an area, comprising:

broadcasting a serious of real-time images with accompanying audio signals, from each of a plurality of handheld flashlights, each of said handheld flashlights constructed and arranged for emitting a flashlight beam, and each of said handheld flashlights having a video camera and microphone to a transmitter, said video camera having an optical axis generally along said flashlight beam, wherein said serious of real-time images correspond to a series of optical images detected by said video camera ~~concurrent~~ concurrently with said emitting a flashlight beam;

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receiving said series of real-time images and audio signals from at least one of said plurality of handheld flashlights as a received series at a remote receiver; and

capturing said received series of real-time images by selecting at least one of the following steps:

displaying said received series of real-time images on a monitor coupled to said receiver while concurrently audibilizing said audio signals; and

recording said received series of real-time images in a format suitable for recovery of said real-time images at a later time.

13. (Currently Amended) A method for providing security to an area, comprising:

equipping at least two of a team of security officers with a flashlight, the flashlight including an integrated wireless video camera and a microphone coupled to a transmitter, each flashlight constructed to emit a beam of light ~~concurrent~~ concurrently with said integrated wireless video camera detecting an image along an optical axis oriented generally along said beam of light;

concurrently emitting a beam of light and detecting an image along an optical axis oriented generally along said beam of light;

broadcasting a series of real-time images with accompanying audio signals from at least one of said flashlights, wherein said series or real-time images is captured by said integrated wireless video camera ~~concurrent~~ concurrently with said emitting of said beam of light;

receiving said series of real-time images and audio signals at a receiver operated at a remote location wherein a team member of said security officers is located; and

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capturing said series or real-time images by selecting at least one of the following steps:

- 1) displaying to said team member said series of real-time images by use of a monitor coupled to said receiver, and audibilizing said audio signals to said team member while displaying said selected one of said series of real-time images; and
- 2) recording, by use of a recorder coupled to said receiver, said series of real-time images in a format for later recovery and display by said team member.

14. (Previously Presented) The security providing method of claim 13 further comprising : rebroadcasting said series of real-time images and audio signals by use of a repeater coupled to said receiver;

receiving said rebroadcast series or real-time images and audio signals by use of a second receiver operated at a second remote location wherein a second team member of said security officers is located;

displaying to said second team member said series of real-time images by use of second monitor coupled to said second receiver; and

audibilizing said audio signals to said second team member while displaying said series of real-time images.

15. (Canceled)

16. (Previously Presented) The security system of claim 1 wherein the handheld light source further includes a laser pointer constructed and arranged to emit a laser beam oriented along a

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field-of-view of said imager and wherein said laser pointer is constructed and arranged to operate independently of said imager and said handheld light source.

17. (Currently Amended) The security system of claim 1 wherein said ~~handheld~~ handheld light source further includes an RF shield substantially surrounding at least a portion of said transmitter.

18. (Previously Presented) The security system of claim 1 having a second remote unit, said second remote unit having a second receiver, wherein said transmitter broadcasts said broadcast image at a first frequency, and wherein said remote unit includes a repeater, coupled to said receiver, capable of rebroadcasting said broadcast image at a second frequency to said second receiver in said second remote unit, said second frequency being different from said first frequency.

19. (Canceled)

20. (Previously Presented) The security system of claim 1 wherein said handheld light source further includes a microphone, coupled to said transmitter, constructed and arranged to convert a sound into an audio signal, and

wherein said transmitter is constructed and arranged to combine said audio signal and said electronic image into a combined signal and to broadcast said combined signal in place of said broadcast image, and

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wherein said receiver is constructed and arranged to receive said combined signal and convert it back to an audio signal and an electronic image.

21. (Previously Presented) The security system of claim 1 wherein said handheld light source has a rod-like shape.

22. (Previously Presented) The security system of claim wherein the imager has an optical axis collinear to the beam of light.

23¹. (Withdrawn) A security apparatus comprising:

a baton, constructed and arranged for striking a person, having a gripping area and having a structure for supporting a light source and a structure for supporting a video camera;

a switchable light source attached to said structure for supporting a video camera, for switchably emitting a light beam along a beam axis; and

a video camera attached to said structure for supporting a video camera for detecting a video image.

24. (Withdrawn) The security apparatus of claim [[21]] 23, wherein said video camera includes means for transmitting a video signal based on said video image.

¹ Due to a numbering error in the previous response, the following claims were misidentified as claims 21-28. The current numbering corrects this error.

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25. (Withdrawn) The security apparatus of claim 23, wherein said baton, said switchable light source and said video camera are constructed and arranged to remain operable after said baton is used to strike a person with a security enforcement level of force.
26. (Withdrawn) In a security baton, an improvement comprising a video camera,
27. (Withdrawn) In the security baton claim 26, a further improvement comprising a light source for emanating a beam of light substantially collinear with an optical axis of said video camera.
28. (Withdrawn) In the baton claim 27, a further improvement comprising said light source being capable of emanating said beam of light concurrently with said video camera detecting an image.
29. (Withdrawn) In the baton of claim 28, a further improvement comprising a said light source and video camera being constructed and arranged such that said beam light emitted concurrently with said video camera detecting an image is capable of illuminating objects on said optical axis of said camera without substantially washing out said image detected by said video camera.